

WEST Search History

DATE: Thursday, December 04, 2003

| <u>Set Name</u> | <u>Query</u> | <u>Hit Count</u> | <u>Set Name</u> |
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| <i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR</i> | | | |
| L61 | L60 and IB-367 | 2 | L61 |
| L60 | L59 and ventilation | 37 | L60 |
| L59 | VAP | 1377 | L59 |
| L58 | IB-367 and VAP | 2 | L58 |
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L58: Entry 2 of 2

File: DWPI

Apr 17, 2003

DERWENT-ACC-NO: 2002-674861

DERWENT-WEEK: 200329

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TITLE: Prevention of respiratory infections associated with intubation or mechanical ventilation by administration of a composition comprising IB-367 peptide

INVENTOR: FUCHS, H; REDMAN, R

PRIORITY-DATA: 2001US-268585P (February 13, 2001), 2002US-0075924 (February 12, 2002)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|-------------------|-----------------|----------|-------|------------|
| US 20030073625 A1 | April 17, 2003 | | 000 | A61K038/17 |
| WO 200264089 A2 | August 22, 2002 | E | 022 | A61K000/00 |

INT-CL (IPC): A61 K 0/00; A61 K 38/17

ABSTRACTED-PUB-NO: WO 200264089A

BASIC-ABSTRACT:

NOVELTY - Prevention of a respiratory infection associated with intubation or mechanical ventilation involves topically applying a composition comprising an IB-367 peptide or its salt to the oral cavity of the patient.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for preventing ventilator-associated pneumonia (VAP) involving applying an aqueous composition comprising (wt.%) native IB-367 peptide or its salt (preferably hydrochloride) (0.3), sorbitol (10), xylitol (3), hydroxypropyl methylcellulose (0.2), lactic acid (0.1), methyl paraben (0.18), propyl paraben (0.02) and water (balance) to the oral cavity of the patient. The composition has a pH of about 4.

ACTIVITY - Antimicrobial; Respiratory-Gen; Antiinflammatory.

MECHANISM OF ACTION - None given.

USE - For preventing a respiratory infection associated with intubation or mechanical ventilation (preferably ventilator-associated pneumonia (VAP)) (claimed).

ADVANTAGE - The method can be applied without worrying about creating resistant strains of pathogens. The method decreases the time spent on the ventilator. The composition has ability to rapidly and broadly lower the bacterial load in the oral and oropharyngeal cavities.

ABSTRACTED-PUB-NO: WO 200264089A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg. 0/5

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L58: Entry 2 of 2

File: DWPI

Apr 17, 2003

DERWENT-ACC-NO: 2002-674861

DERWENT-WEEK: 200329

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TITLE: Prevention of respiratory infections associated with intubation or mechanical ventilation by administration of a composition comprising IB-367 peptide

Basic Abstract Text (1):

NOVELTY - Prevention of a respiratory infection associated with intubation or mechanical ventilation involves topically applying a composition comprising an IB-367 peptide or its salt to the oral cavity of the patient.

Basic Abstract Text (2):

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for preventing ventilator-associated pneumonia (VAP) involving applying an aqueous composition comprising (wt.%) native IB-367 peptide or its salt (preferably hydrochloride) (0.3), sorbitol (10), xylitol (3), hydroxypropyl methylcellulose (0.2), lactic acid (0.1), methyl paraben (0.18), propyl paraben (0.02) and water (balance) to the oral cavity of the patient. The composition has a pH of about 4.

Basic Abstract Text (5):

USE - For preventing a respiratory infection associated with intubation or mechanical ventilation (preferably ventilator-associated pneumonia (VAP)) (claimed).

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Search Results - Record(s) 1 through 10 of 12 returned.

- 1. [20030096948](#). 06 Aug 02. 22 May 03. Lipopeptide stereoisomers, methods for preparing same, and useful intermediates. Morytko, Michael, et al. 530/317; C07K007/64.
- 2. [20030083240](#). 06 Aug 02. 01 May 03. Novel depsipeptides and process for preparing same. Finn, John, et al. 514/9; 530/317 A61K038/12 C07K007/64.
- 3. [20030073625](#). 12 Feb 02. 17 Apr 03. Methods of preventing ventilator associated pneumonia by oral administration of antimicrobial IB-367 peptides. Redman, Rebecca, et al. 514/12; A61K038/17.
- 4. [20030060486](#). 15 Aug 02. 27 Mar 03. Liquid formulations for the prevention and treatment of mucosal diseases and disorders. Jacob, Jeremy E., et al. 514/320; 514/777 A61K031/445 A61K047/00.
- 5. [20020058785](#). 15 Dec 00. 16 May 02. Novel lipopeptides as antibacterial agents. Hill, Jason, et al. 530/317; A61K038/12 C07K007/64.
- 6. [20020025537](#). 19 Jul 01. 28 Feb 02. High-throughput methods for generating and screening compounds that affect cell viability. Bylina, Edward J., et al. 435/7.1; 435/29 435/6 C12Q001/68 G01N033/53 C12Q001/02.
- 7. [20020022668](#). 21 May 01. 21 Feb 02. Use of xylitol to reduce ionic strength and activate endogenous antimicrobials for prevention and treatment of infections. Welsh, Michael J., et al. 514/738; A61K031/045.
- 8. [6562817](#). 21 Jul 00; 13 May 03. Tricyclic compound. Tanimoto; Norihiko, et al. 514/233.8; 514/235.8 514/236.5 514/238.8 514/252.02 514/252.06 514/252.19 514/253.01 514/255.05 514/338 544/114 544/124 544/135 544/139 544/140 544/238 544/357 544/405 544/409 544/410 546/257 546/261 546/271.4 546/272.1 546/272.4 546/272.7 546/275 .4 546/276.1 546/300. C07D213/02 C07D239/26 A61K031/441 A61K031/442 A61K031/505.
- 9. [WO 2064089 A2](#). 12 Feb 02. 22 Aug 02. METHODS OF PREVENTING VENTILATOR ASSOCIATED PNEUMONIA BY ORAL ADMINISTRATION OF ANTIMICROBIAL IB-367 PEPTIDES. REDMAN, REBECCA, et al. A61K00/;.
- 10. [WO 2003062266 A2](#). Synthesizing protegrin IB-367 peptide used for treating infectious diseases, by solid phase synthesis of specific side chain protected peptide, using side chain non-protected arginine reagents and deprotecting side chain protected peptide. ALMEDA, S A, et al. C07K000/00.

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| Terms | Documents |
|--------|-----------|
| IB-367 | 12 |

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| <input checked="" type="checkbox"/> | WO2003062266A | all | all | N/A | USPT,PGPB,JPAB,EPAB,DWPI |
| <input checked="" type="checkbox"/> | WO002064089A2 | all | all | N/A | USPT,PGPB,JPAB,EPAB,DWPI |
| <input checked="" type="checkbox"/> | 20020058785 | all | all | 37 | USPT,PGPB,JPAB,EPAB,DWPI |
| <input checked="" type="checkbox"/> | 20030060486 | all | all | 15 | USPT,PGPB,JPAB,EPAB,DWPI |
| <input checked="" type="checkbox"/> | WO200004915A | all | all | N/A | USPT,PGPB,JPAB,EPAB,DWPI |

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